Figure 25 is a schematic diagram of an exemplary level shift or for use in the controller of Figure 18; and

Figure 26 is a schematic diagram of an exemplary voltage controller suitable for use in the controller of Figure 18.--

On page 38, line 20, please change "Figure 26" to --Figure 25-- to correct a typographical error made without deceptive intent.

## IN THE CLAIMS

Please carleel claims 1-21 and 23-26, without prejudice.

22. (amended) An active noise canceling system comprising:

a sound generator, responsive to drive signals applied thereto, for generating an anti-noise field;

a noise cancellation processor, for generating the drive signals to the sound generator;

/ a first sound sensor disposed within said anti-noise field to generate a residual signal indicative of the sum of ambient sounds and anti-noise impinging on the sensor,[;] wherein said noise cancellation processor processes the residual signal to form a component of the anti-noise field; and

[a noise cancellation processor, for generating the drive signals to the sound generator; and]

means for generating indicia of the level of ambient noise and responsively varying the transfer function of the system in response to said indicia of amplitude of ambient noise such that a gain of the system is decreased in response to a decrease in said indicia of amplitude of ambient/noise.

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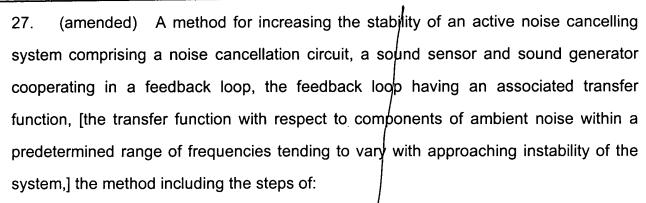
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generating, in accordance with drive signals/an anti-noise field;

sensing the residual noise resulting from interaction of the anti-noise and

ambient noise;

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generating the drive signals in accordance with said sensed residual noise;

sensing ambient noise outside of the anti-noise field; and

feeding forward <u>a first range of frequencies that includes</u> at least the high frequency components of the ambient noise to effect feedforward cancellation thereof:

wherein a feedback signal, generated by the feedback loop that processes a second range of frequencies, is processed by a noise cancellation processor without affecting the transfer function of the feedback loop to form a component of said antinoise field, and

wherein the first range of frequencies and the second range frequencies substantially overlap in a cancellation band below an enhancement frequency range.

28. (new claim) An active noise canceling system, comprising:

a sound generator for generating an anti-noise field in response to drive signals applied thereto;

a first sound sensor, disposed within an anti-noise field, for generating a residual signal indicative of the sum of ambient noise and anti-noise impinging on the sensor;